

What is claimed is:

- Sub <sup>01</sup> 1. An electronic gambling unit for allowing a user to play a main gambling game and a bonus round game, and for dispensing value to the user at the conclusion of the bonus round game, the electronic gambling unit comprising:
- 5 a display unit capable of generating color images associated with the main gambling game and the bonus round game;
- an input device that allows the user to make a plurality of input selections;
- a currency-accepting mechanism that is capable of allowing the user to
- 10 deposit a medium of currency;
- a value-dispensing mechanism that is capable of dispensing value to the user; and
- a controller operatively coupled to the display unit, the input device, the currency-accepting mechanism, and the value-dispensing mechanism, the
- 15 controller comprising a processor and a memory operatively coupled to the processor,
- the controller being programmed to allow the user to make a wager via the input device after the currency-accepting mechanism detects deposit of currency by the user;
- the controller being programmed to cause the display unit to
- 20 display a first sequence of images representing the main gambling game after the user makes a wager, the first sequence of images representing a main gambling game selected from the group of video gambling games consisting of video poker, video slots, video blackjack, video keno and video bingo,
- 25 at least one of the images comprising an image of at least five playing cards if the video gambling game is video poker,

at least one of the images comprising an image of a plurality of simulated slot machine reels if the video gambling game is video slots,

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at least one of the images comprising an image of a plurality of playing cards if the video gambling game is video blackjack,

at least one of the images comprising an image of a bingo grid if the video gambling game is bingo, and

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at least one of the images comprising an image of a keno grid if the video gambling game is keno,

the controller being programmed to determine, after the first sequence of images has been displayed, an outcome of the main gambling game represented by the first sequence of images and to determine a currency payout associated with the outcome of the main gambling game,

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the controller being programmed to determine the occurrence of a triggering event during execution of the main gambling game,

the controller being programmed to cause a second sequence of images to be generated on the display after detecting the triggering event, the second sequence of images representing the bonus round game,

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the controller being programmed to determine, after the second sequence of images has been displayed, an outcome of the bonus round game represented by the second sequence of images and to determine a bonus payout associated with the outcome of the bonus round game,

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the controller being programmed to cause the value-dispensing mechanism to dispense value to the user after the bonus payout has been determined, and

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the controller being programmed to return to the main gambling game at the conclusion of the bonus round game.

2. The electronic gambling unit of claim 1, wherein the currency-accepting mechanism comprises one of a coin slot, a bill reader, and an electronic reader that is capable of reading an item having data stored thereon.

Sub A27 3. The electronic gambling unit of claim 1, wherein the currency-accepting mechanism comprises an electronic reader that is capable of reading an item having data stored thereon, and the controller is programmed to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on data stored on the item.

4. The electronic gambling unit of claim 3, further comprising an interface connecting the electronic gambling unit to a player tracking system, wherein the controller is programmed to transmit data stored on the item to the player tracking system via the interface, to receive information related to the user associated with the item having data stored thereon from the player tracking system via the interface, and to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information received from the player tracking system.

5. The electronic gambling unit of claim 1, wherein the controller is programmed to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information entered by the user via the input device.

6. The electronic gambling unit of claim 1, wherein the value-dispensing mechanism is a printing apparatus and the dispensed value is an award ticket printed and dispensed by the printing apparatus and having indicia of at least one of a casino name, a ticket type, a validation number, a bar code, a date of issuance, a time of issuance, redemption instructions, redemption restrictions, and a description of the award.

7. The electronic gambling unit of claim 1, wherein the triggering event is the appearance in the first sequence of images of one of a combination of symbols and a bonus game symbol.

5 8. The electronic gambling unit of claim 1, wherein the value dispensed by the value-dispensing mechanism is at least one of paper currency, coins, tokens, gaming machine credit, a ticket redeemable for cash, a ticket for a show, a ticket for a meal, a ticket for casino services, a ticket for hotel services, incrementing credit stored on a smart card, and incrementing credit stored in a player tracking system.

Sub A3/

9. An electronic gambling unit for allowing a user to play a main gambling game and a bonus round game, and for dispensing value to the user at the conclusion of the bonus round game, the electronic gambling unit comprising:

a display unit capable of generating color images;

5 an input device that allows the user to make a plurality of input selections;

a currency-accepting mechanism that is capable of allowing the user to deposit a medium of currency;

10 a value-dispensing mechanism that is capable of dispensing value to the user; and

a controller operatively coupled to the display unit, the input device, the currency-accepting mechanism, and the value-dispensing mechanism, the controller comprising a processor and a memory operatively coupled to the processor, the controller being programmed to execute the main gambling

15 game,

the controller being programmed to cause the display unit to display a first sequence of images representing the main gambling game, the first sequence of images representing a main gambling game selected from the group of video gambling games consisting of video poker, video slots, video blackjack, video keno and video bingo,

20 at least one of the images comprising an image of at least five playing cards if the video gambling game is video poker,

25 at least one of the images comprising an image of a plurality of simulated slot machine reels if the video gambling game is video slots,

at least one of the images comprising an image of a plurality of playing cards if the video gambling game is video blackjack,

at least one of the images comprising an image of a  
bingo grid if the video gambling game is bingo, and  
at least one of the images comprising an image of a  
keno grid if the video gambling game is keno,  
5 the controller being programmed to determine, after executing  
the main gambling game, an outcome of the main gambling game and  
to determine a currency payout associated with the outcome of the  
main gambling game,  
the controller being programmed to determine the occurrence of  
10 a triggering event during execution of the main gambling game,  
the controller being programmed to execute the bonus round  
game after detecting the triggering event,  
the controller being programmed to determine, after the  
execution of the bonus round game, an outcome of the bonus round  
15 game and to determine a bonus payout associated with the outcome of  
the bonus round game,  
the controller being programmed to cause the value-dispensing  
mechanism to dispense value to the user after the bonus payout has  
been determined, and  
20 the controller being programmed to return to executing the  
main gambling game at the conclusion of the bonus round game.

10. The electronic gambling unit of claim 9, wherein the currency-  
accepting mechanism comprises one of a coin slot, a bill reader, and an electronic  
reader that is capable of reading an item having data stored thereon.

25 Sub A4) 11. The electronic gambling unit of claim 9, wherein the currency-  
accepting mechanism comprises an electronic reader that is capable of reading an item  
having data stored thereon, and the controller is programmed to cause the value-

dispensing mechanism to dispense value after the bonus payout has been determined based on data stored on the item.

12. The electronic gambling unit of claim 11, further comprising an interface connecting the electronic gambling unit to a player tracking system, wherein the controller is programmed to transmit data stored on the item to the player tracking system via the interface, to receive information related to the user associated with the item having data stored thereon from the player tracking system via the interface, and to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information received from the player tracking system.

13. The electronic gambling unit of claim 9, wherein the controller is programmed to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information entered by the user via the input device.

14. The electronic gambling unit of claim 9, wherein the value-dispensing mechanism is a printing apparatus and the dispensed value is an award ticket printed and dispensed by the printing apparatus and having indicia of at least one of a casino name, a ticket type, a validation number, a bar code, a date of issuance, a time of issuance, redemption instructions, redemption restrictions, and a description of the award.

15. The electronic gambling unit of claim 9, wherein the triggering event is the appearance in the first sequence of images of one of a combination of symbols and a bonus game symbol.

16. The electronic gambling unit of claim 9, wherein the value dispensed by the value-dispensing mechanism is at least one of paper currency, coins, tokens, gaming machine credit, a ticket redeemable for cash, a ticket for a show, a

ticket for a meal, a ticket for casino services, a ticket for hotel services, incrementing credit stored on a smart card, and incrementing credit stored in a player tracking system.



5,645,717 17. An electronic gambling unit for allowing a user to play a main gambling game and a bonus round game, and for dispensing value to the user at the conclusion of the bonus round game, the electronic gambling unit comprising:

5 a display mechanism capable of capable of displaying symbols associated with the main gambling game and the bonus round game;

an input device that allows the user to make a plurality of input selections;

a currency-accepting mechanism that is capable of allowing the user to deposit a medium of currency;

10 a value-dispensing mechanism that is capable of dispensing value to the user; and

a controller operatively coupled to the display mechanism, the input device, the currency-accepting mechanism, and the value-dispensing mechanism, the controller comprising a processor and a memory operatively coupled to the processor,

15 the controller being programmed to allow the user to make a wager via the input device after the currency-accepting mechanism detects deposit of currency by the user;

the controller being programmed to cause the display mechanism to display a first sequence of symbols representing the main gambling game after the user makes a wager,

20 the controller being programmed to determine, after the first sequence of symbols has been displayed, an outcome of the main gambling game represented by the first sequence of symbols and to determine a currency payout associated with the outcome of the main gambling game,

25 the controller being programmed to determine the occurrence of a triggering event during execution of the main gambling game,

the controller being programmed to cause a second sequence of symbols to be generated on the display after detecting the triggering

event, the second sequence of symbols representing the bonus round game,

the controller being programmed to determine, after the second sequence of symbols has been displayed, an outcome of the bonus round game represented by the second sequence of symbols and to determine a bonus payout associated with the outcome of the bonus round game,

the controller being programmed to cause the value-dispensing mechanism to dispense value to the user after the bonus payout has been determined, and

the controller being programmed to return to the main gambling game at the conclusion of the bonus round game.

18. The electronic gambling unit of claim 17, wherein the currency-accepting mechanism comprises one of a coin slot, a bill reader, and an electronic reader that is capable of reading an item having data stored thereon.

Sub A 67 19. The electronic gambling unit of claim 17, wherein the currency-accepting mechanism comprises an electronic reader that is capable of reading an item having data stored thereon, and the controller is programmed to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on data stored on the item.

20. The electronic gambling unit of claim 19, further comprising an interface connecting the electronic gambling unit to a player tracking system, wherein the controller is programmed to transmit data stored on the item to the player tracking system via the interface, to receive information related to the user associated with the item having data stored thereon from the player tracking system via the interface, and to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information received from the player tracking system.

21. The electronic gambling unit of claim 17, wherein the controller is programmed to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information entered by the user via the input device.

5 22. The electronic gambling unit of claim 17, wherein the value-dispensing mechanism is a printing apparatus and the dispensed value is an award ticket printed and dispensed by the printing apparatus and having indicia of at least one of a casino name, a ticket type, a validation number, a bar code, a date of  
10 issuance, a time of issuance, redemption instructions, redemption restrictions, and a description of the award.

23. The electronic gambling unit of claim 17, wherein the triggering event is the appearance in the first sequence of symbols of one of a combination of symbols and a bonus game symbol.

15 24. The electronic gambling unit of claim 17, wherein the value dispensed by the value-dispensing mechanism is at least one of paper currency, coins, tokens, gaming machine credit, a ticket redeemable for cash, a ticket for a show, a ticket for a meal, a ticket for casino services, a ticket for hotel services, incrementing credit stored on a smart card, and incrementing credit stored in a player tracking system.

Sub A2) 25. An electronic gambling unit for allowing a user to play a main gambling game and a bonus round game, and for dispensing value to the user at the conclusion of the bonus round game, the electronic gambling unit comprising:

5 an input device that allows the user to make a plurality of input selections;

a currency-accepting mechanism that is capable of allowing the user to deposit a medium of currency;

a value-dispensing mechanism that is capable of dispensing value to the user; and

10 a controller operatively coupled to the input device, the currency-accepting mechanism, and the value-dispensing mechanism, the controller comprising a processor and a memory operatively coupled to the processor,

the controller being programmed to execute the main gambling game,

15 the controller being programmed to determine, after executing the main gambling game, an outcome of the main gambling game and to determine a currency payout associated with the outcome of the main gambling game,

the controller being programmed to determine the occurrence of a triggering event during execution of the main gambling game,

20 the controller being programmed to execute the bonus round game after detecting the triggering event,

the controller being programmed to determine, after the execution of the bonus round game, an outcome of the bonus round game and to determine a bonus payout associated with the outcome of

25 the bonus round game,

the controller being programmed to cause the value-dispensing mechanism to dispense value to the user after the bonus payout has been determined, and

the controller being programmed to return to executing the main gambling game at the conclusion of the bonus round game.

5 26. The electronic gambling unit of claim 25, wherein the currency-accepting mechanism comprises one of a coin slot, a bill reader, and an electronic reader that is capable of reading an item having data stored thereon.

Sub A 87 10 27. The electronic gambling unit of claim 25, wherein the currency-accepting mechanism comprises an electronic reader that is capable of reading an item having data stored thereon, and the controller is programmed to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on data stored on the item.

15 28. The electronic gambling unit of claim 27, further comprising an interface connecting the electronic gambling unit to a player tracking system, wherein the controller is programmed to transmit data stored on the item to the player tracking system via the interface, to receive information related to the user associated with the item having data stored thereon from the player tracking system via the interface, and to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information received from the player tracking system.

20 29. The electronic gambling unit of claim 25, wherein the controller is programmed to cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information entered by the user via the input device.

25 30. The electronic gambling unit of claim 25, wherein the value-dispensing mechanism is a printing apparatus and the dispensed value is an award ticket printed and dispensed by the printing apparatus and having indicia of at least one of a casino name, a ticket type, a validation number, a bar code, a date of

issuance, a time of issuance, redemption instructions, redemption restrictions, and a description of the award.

5           31.     The electronic gambling unit of claim 25, further comprising a display mechanism capable of displaying symbols associated with the main gambling game and the bonus round game, wherein the controller is operatively coupled to the display mechanism and programmed to cause the display mechanism to display a first sequence of symbols representing the main gambling game, and wherein the triggering event is the appearance in the first sequence of symbols of one of a combination of symbols and a bonus game symbol.

10           32.     The electronic gambling unit of claim 25, wherein the value dispensed by the value-dispensing mechanism is at least one of paper currency, coins, tokens, gaming machine credit, a ticket redeemable for cash, a ticket for a show, a ticket for a meal, a ticket for casino services, a ticket for hotel services, incrementing credit stored on a smart card, and incrementing credit stored in a player tracking  
15     system.

Sub A9 33. A method of dispensing bonus awards to a user at the conclusion of a bonus round game of an electronic gambling unit that allows the user to play a main gambling game and a bonus round game, the method comprising:

5                   executing the main gambling game;

                  determining, after execution of the main gambling game, an outcome of the main gambling game, and a currency payout associated with the outcome of the main gambling game;

                  detecting the occurrence of a triggering event during execution of the main gambling game;

10                  executing the bonus round game after detecting the triggering event;

                  determining, after execution of the bonus round game, an outcome of the bonus round game, and a bonus payout associated with the outcome of the bonus round game;

                  dispensing value to the user via a value-dispensing mechanism after

15                  determining the bonus payout; and

                  returning to execution of the main gambling game at the conclusion of the bonus round game.

34. The method of claim 33, comprising accepting currency in one of a coin slot, a bill reader, and an electronic reader that is capable of reading an item

20                  having data stored thereon.

Sub A10 35. The method of claim 33, comprising:

                  accepting currency in an electronic reader capable of reading an item having data stored thereon; and

                  dispensing value after the bonus payout is determined based on data

25                  stored on the item.

36. The method of claim 35, further comprising:

transmitting data stored on the item to a player tracking system via an interface;

receiving information related to the user associated with the item having data stored thereon from the player tracking system via the interface; and

5                   dispensing value after the bonus payout has been determined based on information received from the player tracking system.

37.     The method of claim 33, comprising dispensing value after the bonus payout has been determined based on information entered by the user via the input device.

10                   38.     The method of claim 33, comprising wherein dispensing value as an award ticket printed and dispensed by a printing apparatus and having indicia of at least one of a casino name, a ticket type, a validation number, a bar code, a date of issuance, a time of issuance, redemption instructions, redemption restrictions, and a description of the award.

15                   39.     The method of claim 33, further comprising:  
displaying a first sequence of symbols representing the main gambling game on a display mechanism; and  
detecting the triggering event based on the appearance in the first sequence of symbols of one of a combination of symbols and a bonus game symbol.

20                   40.     The method of claim 33, comprising dispensing value to the user after determining the bonus payout as at least one of paper currency, coins, tokens, gaming machine credit, a ticket redeemable for cash, a ticket for a show, a ticket for a meal, a ticket for casino services, a ticket for hotel services, incrementing credit stored on a smart card, and incrementing credit stored in a player tracking  
25                   system.



Sub A117 41. A programmed memory that is capable of being used in connection with an electronic gambling unit that allows a user to play a main gambling game and a bonus round game, that dispenses value to the user at the conclusion of the bonus round game, and that comprises a processor, an input device,  
5 a currency-accepting mechanism, and a value-dispensing mechanism, the programmed memory comprising:

a first memory portion physically configured in accordance with computer program instructions that would cause the electronic gambling unit to execute the main gambling game if the programmed memory were incorporated into  
10 the electronic gambling unit;

a second memory portion physically configured in accordance with computer program instructions that would cause said electronic gambling unit to determine an outcome of the main gambling game if the programmed memory were incorporated into the electronic gambling unit;

15 a third memory portion physically configured in accordance with computer program instructions that would cause said electronic gambling unit to determine the occurrence of a triggering event during execution of the main gambling game if the programmed memory were incorporated into the electronic gambling unit;

a fourth memory portion physically configured in accordance with  
20 computer program instructions that would cause said electronic gambling unit to execute the bonus round game after detecting the triggering event if the programmed memory were incorporated into the electronic gambling unit;

a fifth memory portion physically configured in accordance with computer program instructions that would cause said electronic gambling unit to  
25 determine an outcome of the bonus round game if the programmed memory were incorporated into the electronic gambling unit;

a sixth memory portion physically configured in accordance with computer program instructions that would cause said electronic gambling unit to determine a bonus payout associated with the outcome of the bonus round game if the  
30 programmed memory were incorporated into the electronic gambling unit;

a seventh memory portion physically configured in accordance with /  
computer program instructions that would cause said electronic gambling unit to  
cause the value-dispensing mechanism to dispense value to the user after the bonus  
payout has been determined if the programmed memory were incorporated into the  
5 electronic gambling unit; and

an eighth memory portion physically configured in accordance with  
computer program instructions that would cause said electronic gambling unit to  
return to executing the main gambling game at the conclusion of the bonus round if  
the programmed memory were incorporated into the electronic gambling unit.

10 42. The programmed memory of claim 41, wherein the currency-  
accepting mechanism is an electronic reader that is capable of reading an item having  
data stored thereon, and the programmed memory further comprises a ninth memory  
portion physically configured in accordance with computer program instructions that  
would cause the value-dispensing mechanism to dispense value after the bonus payout  
15 has been determined based on data stored on the item if the programmed memory  
were incorporated into the electronic gambling unit.

43. The programmed memory of claim 42, wherein an interface  
connects the electronic gambling unit to a player tracking system, the programmed  
memory further comprising:

20 a tenth memory portion physically configured in accordance with  
computer program instructions that would cause the electronic gambling unit to  
transmit data stored on the item to the player tracking system via the interface if the  
programmed memory were incorporated into the electronic gambling unit;

an eleventh memory portion physically configured in accordance with  
25 computer program instructions that would cause the electronic gambling unit to  
receive information related to the user associated with the item having data stored  
thereon from the player tracking system via the interface if the programmed memory  
were incorporated into the electronic gambling unit; and

5 a twelfth memory portion physically configured in accordance with computer program instructions that would cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information received from the player tracking system if the programmed memory were incorporated into the electronic gambling unit.

10 44. The programmed memory of claim 41, further comprising a ninth memory portion physically configured in accordance with computer program instructions that would cause the value-dispensing mechanism to dispense value after the bonus payout has been determined based on information entered by the user via the input device if the programmed memory were incorporated into the electronic gambling unit.

15 45. The programmed memory of claim 41, wherein the value-dispensing mechanism is a printing apparatus and the dispensed value is an award ticket, the programmed memory further comprising a ninth memory portion physically configured in accordance with computer program instructions that would cause the printing apparatus to print and dispense award tickets having indicia of at least one of a casino name, a ticket type, a validation number, a bar code, a date of issuance, a time of issuance, redemption instructions, redemption restrictions, and a description of the award if the programmed memory were incorporated into the electronic gambling unit.

20 46. The programmed memory of claim 41, wherein the electronic gambling unit further comprises a display mechanism capable of displaying symbols associated with the main gambling game and the bonus round game, the programmed memory further comprising:

25 a ninth memory portion physically configured in accordance with computer program instructions that would cause the display mechanism to display a

first sequence of symbols representing the main gambling game if the programmed memory were incorporated into the electronic gambling unit; and

5 a tenth memory portion physically configured in accordance with computer program instructions that would cause the electronic gambling unit to determine the occurrence of the triggering event based on the appearance in the first sequence of symbols of one of a combination of symbols and a bonus game symbol if the programmed memory were incorporated into the electronic gambling unit.

10 47. The programmed memory of claim 41, further comprising a ninth memory portion physically configured in accordance with computer program instructions that would cause the value-dispensing mechanism to dispense at least one of paper currency, coins, tokens, gaming machine credit, a ticket redeemable for cash, a ticket for a show, a ticket for a meal, a ticket for casino services, a ticket for hotel services, incrementing credit stored on a smart card, and incrementing credit stored in a player tracking system if the programmed memory were incorporated into the  
15 electronic gambling unit.

48. The programmed memory of claim 41, wherein the programmed memory comprises a semi-conductor memory.

49. The programmed memory of claim 41, wherein the programmed memory comprises an optically-readable memory.